# (19) World Intellectual Property Organization

International Bureau





**PCT** 

#### (43) International Publication Date 22 December 2005 (22.12.2005)

(51) International Patent Classification: C08G 18/02 (2006.01) **C08J** 9/04 (2006.01) C08G 18/22 (2006.01)

(21) International Application Number:

PCT/IL2005/000554

(22) International Filing Date: 30 May 2005 (30.05.2005)

English (25) Filing Language:

(26) Publication Language: English

(30) Priority Data: 162450

10 June 2004 (10.06.2004) IL

(71) Applicant (for all designated States except US): BROMINE COMPOUNDS LTD. [II /II.]; Makleff House, P.O. Box 180, 84101 Beer-Sheva (IL).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): BRON, Samuel [IL/IL]; 11/1 Achziv Street, 20692 Yoqueam (IL). SLUSZNY, Ariel [IL/IL]; 18 Rotem Street, 28233 Kiryat Ata (IL). PELED, Dorit [IL/IL]; 39A Shimshon Street, 34678 Haifa (IL). PERLE, Dorit [IL/IL]; 99 Hanassi Blvd., 34642 Haifa (IL).
- (74) Agents: LUZZATTO, Kfir et al.; LUZZATTO & LUZ-

### (10) International Publication Number WO 2005/121248 A3

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PII, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 22 June 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL05/00554

A. CLASSIFICATION OF SUBJECT MATTER  IPC: C08G 18/02( 2006.01),18/22( 2006.01);C08J 9/04( 2006.01)			
USPC: 521/117,124,125,126,128,170 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 521/117, 124, 125, 126, 128, 170			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCI	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where a		Relevant to claim No.
X	US 5,869,565 A (CLAUS) 09 February 1999 (09.02.1999), abstract, column 8 line 66 - column 10 line 67, as well as, the entire document.		1-7, 11-17, 21, 22
Y	column to line o7, as well as, the entire document.		8-10, 18-20
Y	US 5,693,686 A (SZABAT et al) 02 December 1997 (02.12.1997), column 4 lines 6-23.		. 8, 18
Υ.	US 5,401,785 A (KUMAGAI et al.) 28 March 1995 (28.03.1995), column 7 line 67 - column 8 line 27).		9,10, 19, 20
Further	documents are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents:     "T" later document published after the international filing date or price.			ational filing date or priority
"A" document defining the general state of the art which is not considered to be of particular relevance		date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y"  document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being	
"O" document referring to an oral disclosure, use, exhibition or other means		obvious to a person skilled in the art	
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search  Date of mailing of the international search report			
10 March 2006 (10.03.2006)  Name and mailing address of the ISA/US  Authorized officer			
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US			
Con	nmissioner for Patents	Jeffn m. Cooney	
	. Box 1450 xandria, Virginia 22313-1450	Telephone No. 703-306-5665	*
Facsimile No. (571) 273-3201			